

# Ridge praises Lab's DHS efforts



JACQUELINE MCBRIDE/NEWSLINE

Homeland Security Secretary Tom Ridge, left, made his first visit to the Lab Wednesday, where he received briefings on Lab technologies to assist in the war on terrorism. Ridge also met with the media.

**By Anne M. Stark**  
NEWSLINE STAFF WRITER

Secretary of Homeland Security Tom Ridge came to Livermore on Wednesday to see some of the Lab's counterterrorism technology first hand. Although Ridge is no stranger to technologies coming out of the Laboratory, he was clearly impressed by his first visit to the site. "One of the advantages we have in the war

against terrorism is being more creative than any other group of people in the world," he said. "We lead the technology revolution. "When you've got the people at national labs like Lawrence Livermore — these are citizens who go to work every day trying to figure out ways to help us secure our country, and they do a very good job. That's why they will be an inte-

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# Bush awards Teller prestigious Presidential Medal of Freedom

**By Lynda Seaver**  
NEWSLINE STAFF WRITER

Director Emeritus Edward Teller was presented with the prestigious Presidential Medal of Freedom, the nation's highest civil honor, during a special ceremony at the White House Wednesday. President Bush presented the award to Teller's daughter Wendy, who accepted on behalf of her father. Also in attendance was Eric Teller, Edward Teller's grandson. "Edward Teller helped to shape the course of human history," Bush said in presenting the medal, awarded for Teller's lifetime of achievements. Reading from the citation, Bush lauded Teller's "pivotal role in ending the Cold War," from his work on the Manhattan Project and at Los Alamos National Laboratory, to his co-founding of Lawrence Livermore National Laboratory and his work at the University of California and the Hoover Institution, to his central role on the Strategic Defense Initiative.



"He has been a strong advocate for national defense and the cause of human freedom," Bush said. "The United States honors him for his excellence in science and in education, and his unwavering commitment to the nation." "I am deeply grateful for the great honor of receiving the Presidential Medal of Freedom," Teller said. "In my long life I had to face some difficult decisions and found myself often in doubt whether I acted the right way. Thus the medal is a great blessing for me, and I am particularly happy to receive it from a presi-

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# New study confirms human effects on tropopause height changes

**By Anne M. Stark**  
NEWSLINE STAFF WRITER

Lab scientists have determined that human-induced changes in ozone and well-mixed greenhouse gases are the primary drivers of recent changes in the height of the tropopause. Earlier research has shown that increases in the height of the tropopause over the past two decades are directly linked to stratospheric ozone depletion and increased greenhouse gases. The tropopause is the boundary between the lowest layer of the atmosphere — the turbulently mixed troposphere — and the more stable stratosphere. It lies roughly 10 miles above the Earth's surface at the equator and five miles above the

poles. The location of the tropopause is sensitive to changes in vertical profiles of atmospheric temperature. The new research uses climate model results to provide more quantitative estimates of the relative contributions of natural and human influences to overall tropopause height changes. This work indicates that 80 percent of the roughly 200-meter increase in tropopause height from 1979 to 1999 is directly linked to human activities. Smaller tropopause height increases over the first half of the 20th century are largely caused by natural variations in volcanic aerosols and solar irradiance. The Livermore research attempts to under-



stand how different mechanisms affect atmospheric temperatures, and hence tropopause height. It is the first study to show that a model-predicted "fingerprint" of tropopause height changes can be identified in observations. The paper describing this work, entitled, "Contributions of Anthropogenic and Natural Forcing to Recent Tropopause Height Changes," appears in today's (July 25) edition of *Science*. It involves a team of Livermore scientists (Benjamin Santer, Karl Taylor and James Boyle) and researchers from Lawrence Berkeley National Laboratory, the National Center for

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**Science shines at symposium**  
— Page 3



**Are you what you eat?**  
— Page 5

**Up Close**  
— Insert





# LAB COMMUNITY NEWS

## Weekly Calendar

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Friday  
25

The Chemistry and Materials Science Directorate, in collaboration with the Administration and Human Resources Directorate, invites employees to attend the next **African American Lecture Series** presentation entitled, "The Toxics Release Inventory Reporting Process and Its Impact to LLNL Programs." The talk, by Jennifer Nelson-Lee, an environmental analyst with the Chem Track Operations Group, takes place today at 1:30 p.m. in the Bldg. 155 auditorium.

Saturday  
26

A **scheduled power outage** will take place today from 7 a.m. to 3 p.m. in Bldg. 141 and Trailers 1477, 1478 and 1481. For more information, contact Mark Cardoza at 3-0490.

Monday  
28

Session 4 of **LLESA's Swim Lesson Program** begins today and space is still available for lessons in most levels. Register in advance for lessons in the LLESA office (B415, room 142). Recreational swimming is available (\$4 per person) for Lab employees, LLESA members, sponsored members and their families, Monday-Friday, 2-6:45 p.m. Program details are outlined in the spring issue of *Fitnotes*. For more information, call the LLESA Office at 2-9402. The LLESA Summer Pool Program runs through Aug. 22.

Tuesday  
29

The **LLESA Apple Computer Networking Group** will meet today at 7 p.m. in the LLNL Discovery Center Press Room. Everyone with an interest in Apple brand and compatible computers is welcome to attend. For more information, contact Jim Branum at 2-6766.

Thursday  
31

The 2003 **CalPERS Long-Term Care Plan's** new deadline to submit an application is today. Application kits and an informational video regarding the CalPERS Long-Term Care Program are available in the Benefits Office, Bldg. 571. For additional information, call the Benefits Office at 2-9955 or visit the Website.

Up  
&  
Coming

A **Fidelity Retirement Counselor** will be available Aug. 5-6 and Aug. 19 -20 to assist with: assessing the current state of your retirement accounts, learning how to diversify, planning your asset allocation and identifying income strategies. If you would like to set up an one-on-one consultation with your Fidelity representative please call 800-642-7131. When calling, be sure to specify that you are an LLNL employee.

## Breaking news



JULIE KORHUMMEL/NEWSLINE

Johnny Ray and Albert Palino of site maintenance remove a felled tree from a Lab employee's car, which was parked in the A1 parking lot. Last Friday, a tree limb detached from an aging pine tree and fell on the car while its owner was at work. No one was injured.

## IN MEMORIAM

### Douglas Brown

Lynn Douglas Brown of Livermore died June 25. He was 56.

Brown, a history buff and American Legion member, was born Sept. 14, 1946, in Minnesota. He served in the U.S. Army and during the Vietnam War; he was a member of a security agency. He worked for the Lab supporting the ChemTrack Operations Group performing software testing and quality assurance.

He enjoyed reading and working on computers. He attended Granada Baptist Church and participated in a Masons club in Montana. He was also a member of STC, a technical communication club.

He is survived by his wife, Janice of Livermore and his half-sister, Mary Jane Ray of Tennessee.

Services were held earlier this month. Donations may be made to the American Heart Association.

### Donald Fisher Boothe

Donald Fisher Boothe of Redding died July 15. He was 66.

Boothe was born Feb. 14, 1937, in Kentucky. He and his wife Edwina lived in Livermore for more than 30 years. They most recently lived in Redding. Boothe was a member of the Odd Fellows Lodge No. 219, where he served as noble grand in 1985 and as district deputy from 1992-93 for the fraternal organization.

A Marine veteran, Boothe worked as a tool crib attendant for 20 years at the Lab. He enjoyed fishing and golfing.

Boothe is survived by his wife; his children, Douglas and Diane Boothe of Redding; David and Laurie Kelly of Pleasanton and Marcy Anderson of Livermore; and four grandchildren.

Services were held earlier this month.

### Raymond L. Morton

Raymond L. Morton of Bethesda, Md., died July 3. He was 83.

Morton was born March 3, 1920 in Canada. He worked at the Laboratory for 31 years as an admin-

istrator for the weapons and quality control departments.

Services were held earlier this month.

### Helen Theresa Twohey

Helen Theresa Twohey of Livermore died July 2. She was 82.

Twohey was born Oct. 15, 1920 in Canada. She lived in Livermore for the last 57 years and worked for seven years at the Lab as a medical secretary. She previously worked as a stewardess for Canadian Pacific Airlines. Twohey, a member of St. Michael's Catholic Church and an avid reader, loved spending time with her grandchildren. She also volunteered for the American Heart Association.

Twohey is survived by her daughter, Susan Poor of Tracy; her son, Dan Twohey; her sister, Elizabeth Graham of Canada; and six grandchildren.

## Newsline

*Newsline* is published weekly by the Internal Communications Department, Public Affairs Office, Lawrence Livermore National Laboratory (LLNL), for Laboratory employees and retirees.

### Contacts:

Media & Communications manager: Lynda Seaver, 3-3103

Newsline editor: Don Johnston, 3-4902

Contributing writers: Bob Hirschfeld, 2-2379; David Schwoegler, 2-6900; Anne M. Stark, 2-9799; Stephen Wampler, 3-3107; Gordon Yano, 3-3117. For an extended list of Lab beats and contacts, see <http://www.llnl.gov/llnl/06news/NewsMedia/contact.html>

Photographer: Jacqueline McBride

Designer: Julie Korhummel, 2-9709

Distribution: Mail Services at LLNL

Public Affairs Office: L-797 (Trailer 6527), LLNL, P.O. Box 808, Livermore, CA 94551-0808

Telephone: (925) 422-4599; Fax: (925) 422-9291

e-mail: [newsline@llnl.gov](mailto:newsline@llnl.gov) or [newsonline@llnl.gov](mailto:newsonline@llnl.gov)

Web site: <http://www.llnl.gov/PAO/>

*Editor's note: Obituary information should be sent to [newsline@llnl.gov](mailto:newsline@llnl.gov) or faxed to 2-9291.*

# AROUND THE LAB



## Postdoc program represents scientific future of Lab

By Leslie Schwartz  
NEWSLINE STAFF WRITER

With a postdoctorate traveling to Florida to work on anthrax detection after Sept. 11 to groundbreaking research performed by a researcher at the Lab leading to a publication in *Science* magazine, the Chemistry and Materials Science (CMS) Directorate postdoctoral program continues to maintain a distinguished history.

Tomas Diaz de la Rubia, associate director for CMS, said: “A strong postdoctoral program is one of the keys to the success of a scientific discipline organization at LLNL. Our postdocs represent the scientific future and, in many aspects, the current technical vitality of this Laboratory.”

Thirty-nine CMS postdoctoral students contributed to improving research and scientific breakthroughs through their participation in the annual CMS postdoctoral symposium held last week. This year’s symposium was the largest to date, with 12 oral presentations and 27 poster presentations.

According to Diaz de la Rubia: “The symposium gives our postdocs an opportunity to showcase their work and get feedback from senior Laboratory scientists on their progress, and it helps to promote a strong interface between our postdocs and the general Laboratory community.”

Tom Arsenlis, director of CMS’ postdoctoral program, also is impressed by the various research projects in which postdocs participate. “The wide spectrum of topics ranges from the search of super heavy elements, to the modeling of the air-water interface, to the development of highly selective bio-aerosol detectors, and to the nature of nanoscale quantum structures,” Arsenlis said. “The presentations and posters give the postdocs and guests a glimpse of the various types of projects that are being done throughout the directorate.”



Chemistry and Materials Science postdocs Simon Morton, left, and Wonyoung Choe participate in last week’s annual postdoctoral symposium.

Since its founding in 1998, the CMS postdoc program has doubled in size. The symposium, beginning in 2000, was created to help postdocs develop a sense of community at the Lab. “The annual symposium is the most effective way for our postdocs to expand their network and discover the wealth of projects undertaken at the Laboratory,” Arsenlis said.

Linda Jones, CMS postdoctoral program administrator, couldn’t agree more. “This symposium is a high-visibility program that showcases the postdoc research and one that is being used as a role model for other directorates interested in doing something similar,” she said.

The day began with a keynote welcome address from Arsenlis, followed by oral presentations, a patio lunch, poster session, and awards ceremony. All oral presenters have been in the postdoc program for at least one year. Most postdocs stay an average of two years

before going on to work for a Laboratory directorate or go out to work in private industry or academia.

Sarah Chinn, a postdoc in the field of physical chemistry, presented a project focusing on the increased need for field detection of chemical and biological agents. “The symposium is a great place to get to know other postdocs and their research better,” Chinn, 27, said. “It also is a good place to discover future collaborations for research.”

Sergei Kucheyev, one of the four distinguished Lawrence Fellows in CMS, spoke about a project studying the physics of how crystals are damaged by ion beams. Kucheyev, 27, has a doctorate in physics from The Australian National University

and has full freedom of research as a Lawrence Fellow. “The Laboratory gives Lawrence Fellows an excellent opportunity to pursue independent research,” he said.

Kucheyev also received the Harold C. Graboske, Jr. Award for Excellence in Postdoctoral Research. “The symposium shows the diversity of CMS directorate’s research,” he said.

Additionally, the Outstanding Poster Presentation Award went to Kerri Blobaum for her poster on “Investigating the delta and alpha Martensitic Phase Transformation in Pu-Ga Alloys.”

Postdoc students come from many top universities around the world and “bring fresh ideas and leading-edge skills to our community,” Diaz de la Rubia said.

For more information of the CMS postdoctoral program, visit <http://www-cms.llnl.gov/PostDocs/aboutus.html>.

## New training for workers who wear personal protective equipment

Workers who are required to wear personal protective equipment (PPE) to do their jobs must take new safety courses offered by Hazards Control.

To meet the federal training required by 29 CFR 1910.132 for eye, face, foot, head and hand protection, the Hazards Control Department has developed new courses on PPE. If you are required to wear PPE or if you are responsible for selecting the appropriate PPE for others, you must take this training. These classes give LLNL specific policies on PPE and how to get different types of PPE at LLNL.

If you work in a laboratory, you must take HS4680-W Personal Protective Equipment (PPE) in Analytical, Research and Quality Assurance Laboratories. These individuals may include scientists, engineers, technicians, and in some cases, administrative

or managerial professionals. If you work in shops, maintenance activities or on a construction site where your work requires PPE, you must take one or more of the following classes. These individuals may include craftsmen, scientists, engineers, technicians, and in some cases, administrative or managerial professionals.

- HS4681-CBT Personal Protective Equipment (PPE) for the Eyes and Face.
- HS4682-CBT Personal Protective Equipment (PPE) for the Head.
- HS4683-CBT Personal Protective Equipment (PPE) for the Feet.
- HS4684-CBT Personal Protective Equipment (PPE) for the Hands.

The courses are available now. For HS4680-W

Personal Protective Equipment (PPE) in the Analytical, Research, and Quality Assurance Laboratories, go to the Web; for the CBT courses, contact Denise Anderson at 3-1094 to make an appointment.

If you think that you should take this PPE training, but it is not listed in your LTRAIN training plan, please ask your supervisor or ES&H Team if you need to take it. For each type of PPE the following topics are covered: when PPE is necessary; which PPE is necessary; how to properly don, doff, adjust, and wear PPE; limitations of the PPE and proper care, maintenance, useful life and disposal of the PPE.

You must complete the appropriate PPE classes by Nov. 1, or LTRAIN will show you as out of compliance for this training requirement.

### CLIMATE

Continued from page 1

Atmospheric Research, the Institut für Physik der Atmosphäre in Germany and the University of Birmingham in the United Kingdom.

Using a computer model of the climate system, the Lab scientists and their colleagues examined changes in both manmade forcings (well-mixed greenhouse gases, tropospheric and stratospheric ozone, and the scattering effects of sulfate aerosols) and natural external forcings (solar irradiance and volcanic aerosols). Experiments were performed with a model developed jointly by the National

Center for Atmospheric Research and Los Alamos National Laboratory.

The innovative aspect of these model runs is that climate forcings were varied both individually and in concert. This allowed the researchers to estimate the contribution of each forcing to overall changes in atmospheric temperature and tropopause height. Completion of this very large ensemble of model runs was made possible by recent developments in high-performance computing capabilities at U.S. Department of Energy and National Science Foundation facilities. Output from these and other related climate model runs is available at [http://www.nersc.gov/projects/gcm\\_data/](http://www.nersc.gov/projects/gcm_data/).

The model results reveal the key drivers of recent tropopause height increases — human-caused changes in well-mixed greenhouse gases and stratospheric ozone — act primarily through warming of the troposphere (greenhouse gases) and cooling of the lower stratosphere (ozone). Both of these effects increase tropopause height.

“Tropopause height is an integrated indicator of human-induced climate change,” Santer said. “It reflects global-scale changes in the temperature structure of the atmosphere. Our research shows that the increase in tropopause height over the second half of the 20th century was predominantly due to human activity, and provides independent support for claims of recent tropospheric warming.”





NEWS YOU CAN USE

Delving into the secrets of science through student events

Have you learned something new today? Maybe you want to discover the secrets of scientific simulation data or delve into the heart of graduate research opportunities. Check out descriptions below or on the Web for the student bulletin board, <http://education.llnl.gov/sbb/>, where you can register to attend.

Week of July 28 – Aug. 1

Monday  
28

Engineering associate director brown bag luncheon

Come join Jens Mahler at noon for a question-and-answer session in the field of engineering and learn about future projects, careers and educational opportunities. This event is located in Bldg. 123, room A. Contact Barry Goldman, 2-5177, for more information.

Tuesday  
29

“Radio Chemistry and Regional Security in Central Asia and the Persian Gulf”

Bilateral and multilateral programs that target destabilizing environmental problems provide science and technology with a common language to advance regional security in states of the Persian Gulf and the former Soviet Union. David K. Smith will present the Lab's efforts in addressing serious environmental threats and the Lab's work to use science and technology as a means of engagement in regions of strategic importance to the United States, at 2 p.m. in the Bldg. 155 auditorium. Contact Lynda Allen, 2-1748, for more information.

Wednesday  
30

National Ignition Facility (NIF) seminar

NIF Project Manager Ed Moses will discuss the progress of the NIF facility and descriptions of its advanced optics technology, recent results on the activation and commissioning of NIF's record-breaking laser performance and plans for the upcoming experimental program, from 10-11 a.m. in the Bldg. 543 auditorium. Contact Marta Holm, 2-8870, for more information.

National Ignition Facility (NIF) tour

Come tour NIF, the site of the world's most powerful laser, at 3:30 p.m. in Trailer 5984. Clothing restrictions for this tour apply; see the student bulletin board for specific instructions. Contact Marta Holm, 2-8870, for more information.

“Statistical Modeling of Large-Scale Scientific Simulation Data”

Are you interested in large-scale computer programs and simulating complex scientific phenomena? The Center for Applied Scientific Computing has

developed an infrastructure that is able to reduce the data storage requirements and query access times. The Institute for Scientific Computing Research is hosting this seminar at 1:30 p.m. in Bldg. 219, room 163. Contact Linda Bodtker, 3-0421, or Tina Eliassi-Rad, 2-1552, for more information.

Thursday  
31

“Graduate Research at University of California Campuses & MIT”

A panel of professionals from top universities across the country, such as UCLA, MIT, UC Berkeley, and other campuses, will be participating in a question-and-answer session on graduate school opportunities and ways to improve your application and chances of success. Moderated by University Relations Program Director Laura Gilliom, this event will take place at noon in Bldg. 543. Contact Barry Goldman, 2-5177, for more information.

“Energy Policy Modeling” from the Department of Nuclear Engineering, MIT

Professor Kent Hansen will talk on the enriched academic experience MIT/Cambridge offers and opportunities in nuclear engineering. This informal discussion will begin at 3 p.m. in Bldg. 415, room 218. Contact Barry Goldman, 2-5177, for more information.

“Tips for a Successful Interview”

Have you ever been preparing for an interview and not known what to expect? Come learn about what interviewers are looking for in resumes, cover letters and in the interview. This talk will identify multiple dos and don'ts of a candidate and what the interviewer and candidate hope to get out of the interview. Internships in terascale simulation technology will host this seminar from 3-4 p.m. in the Bldg. 543 auditorium. Contact Linda Bodtker, 3-0421, Carol Woodward, 4-6013, or Terence Critchlow, 3-5682, for more information.

“Multi-site Intrusion Detection System Correlation”

This talk will describe techniques used to correlate data from multiple facilities, where each facility is able to analyze its own data, but is also interested to know if the data is the same or different than their colleagues and the Internet as a whole. The security program will host this seminar at 1:30 p.m. in Bldg. 219, room 163. Contact Terry Brugger, 4-4992, for more information.

“Actinides and the Environment: Interfacial Processes on Organic and Inorganic Substrates”

Heino Nitsche from UC Berkeley and LBNL will speak on the current state of knowledge of actinide source term processes and specific examples for molecular-level interfacial actinide interaction with microbes and minerals, at 2 p.m. in the Bldg. 155 auditorium. He also will present models that can predict the hydrological transport of actinides through

the environment. Contact Lynda Allen, 2-1748, for more information.

Friday  
1

Engineering summer lecture

Come hear the fourth engineering summer lecture presented by Jeff Williams, the acting associate director for the Engineering Directorate, at 2 p.m. in Bldg. 235, Gold Room. Contact Gay Spivey, 2-8897, for more information.

UC Davis graduate research opportunities

UC Davis will provide a series of research lab tours throughout the day to learn about graduate programs and research. Upon arrival, students will be welcomed by deans and department chairs, will be hosted to lunch and will have the opportunity to ask graduate students questions at a roundtable discussion. A list of departments participating is available on the student bulletin board. Participation will be limited to 46-56 students (bus space availability). While the event is scheduled to run until 3:30 p.m., a side trip to Sacramento's Old Town is being considered from 3:30–6 p.m. before returning to the Lab at approximately 8 p.m. Contact Barry Goldman, 2-5177, for more information.

Deadline for review & release for the Student Research Poster Symposium

Make sure to have your poster reviewed and released to be included in the Student Research Poster Symposium by today. Students are responsible for completing the appropriate R&R papers with signatures from their respective managers, researchers and authorized personnel. STEP requires the approval document and three copies of your poster in 11-by-17 format; STEP will arrange a final review with TID. Contact Barry Goldman, 2-5177, for more information.

NIF Programs associate director brown bag luncheon

Come join George Miller at noon for a question and answer session on NIF Programs, future projects, careers and educational opportunities in the field and related topics. This event is located in Bldg. 123, room A. Contact Barry Goldman, 2-5177, for more information.

“Design of High-Average Power Lasers”

The Solid State Heat Capacity Laser (SSHCL) is being developed at LLNL to provide a high-power, compact and mobile laser system for directed energy weapon applications. This talk introduces some of the critical technologies required to initiate a 100-kilo-watt demonstration program in support of the U.S. Army Objective Force, and will be held at 11 a.m. in the Bldg. 481 auditorium. Contact Dustin Riggs, 2-5780, or Mark Rotter, 2-8370, for more information.

Technical Meeting Calendar

Friday  
25

DEFENSE & NUCLEAR TECHNOLOGIES DIRECTORATE

“Prospects for Hohlräum-Driven Double-Shell Ignition on the NIF,” by Peter Amednt, AX Division. 10:30 a.m., Bldg. 123 auditorium (unclassified presentation). Contact: Mark Herrmann, 2-6999.

Tuesday  
29

PHYSICS & ADVANCED TECHNOLOGIES DIRECTORATE

“The Relativistic Star Story,” by George F. Chapline Jr. 2

p.m., Bldg. 2128, room 1000 (uncleared area), Contact: Alan J. Wootton, 2-6533.

LABORATORY SCIENCE & TECHNOLOGY OFFICE

“Reflections from the Human Genome Row,” by Aristides Patrinos, associate director of Science for Biological and Environmental Research, Office of Science, Department of Energy. 3:30 p.m., Bldg. 123 auditorium. Contact: Bert Weinstein, 2-5698.

Thursday  
31

PHYSICS & ADVANCED TECHNOLOGIES

“Radiatively Driven Molecular

Clouds,” by Mark Pound, University of Maryland, and Dmitri Ryutov, Fusion Energy/PAT. 10:30 a.m., Bldg. 219, room 163. Contact: Stefanie B. Landes, 2-3201.

The deadline for the next Technical Meeting Calendar is noon, Wednesday.

Send your input to [tmc-submit@llnl.gov](mailto:tmc-submit@llnl.gov). For information on electronic mail or the newsgroup [llnl.meeting](mailto:llnl.meeting), contact the registrar at [registrar@llnl.gov](mailto:registrar@llnl.gov).

## NEWS OF NOTE



# Cooking up some sizzlin' summer science

Before you cook your next meal, consider this: Cancer-causing chemicals formed naturally in the foods we eat every day are more prevalent in our diet than manmade carcinogens.

Biomedical scientist Kristen Kulp will discuss "What's for Dinner?: Avoid Toxins Lurking in Your Food" on Wednesday at 7 p.m. in the Livermore High School Performing Arts Theater, 600 Maple St.

Kulp will describe LLNL's efforts to understand the health effects of exposure to these



compounds, often formed in well-cooked meat. She will also discuss several ways to prevent formation, what happens to the compounds in our body when we consume meat, and how digestion plays a part in exposure to the compounds. Throughout her presentation, Kulp will conduct demonstrations using audience participation to illustrate techniques

used to detect toxins.

"The good news is there are quick and

easy cooking techniques, like lowering the heat, marinating, and turning your meat more often as you cook. These can reduce exposure to harmful compounds," Kulp said.

This talk is the fourth and final presentation in LLNL's "Sizzlin' Summer Science" Lecture Series, free talks geared toward families, middle and high school students.

For more information on the Sizzlin' Summer Science Series, check the Website at <http://www.llnl.gov/llnl/06news/Community/lecture.html> or contact Christine Mixan in Public Affairs at 2-3138 or [mixan1@llnl.gov](mailto:mixan1@llnl.gov).

## MacCracken elected to serve as four-year term president of IAMAS

Former Lab employee Mike MacCracken, who retired in 2002 from the Energy and Environment Directorate, has been elected to a four-year term as president of the International Association of Meteorology and Atmospheric Sciences of the International Union of Geodesy and Geophysics.

For the previous eight years, MacCracken had served as president of the International Commission on Climate, one of 10 commissions sponsored by IAMAS (see <http://iamas.org>).

Scientific organizations from more than 45 countries with active atmospheric research programs are active members of IAMAS, which is one of the seven international associations making up the IUGG.

At the Lab, MacCracken led research projects involving modeling of human and natural

perturbations on the climate and modeling of air quality in the San Francisco Bay Area. MacCracken also served as division leader of the Lab's Atmospheric and Geophysical Sciences Division from 1987-93. MacCracken then accepted an assignment as senior scientist with the interagency Office of the U.S. Global Change Research Program, serving as its first executive director from 1993-97 and as executive director of the National Assessment Coordination Office from 1997-2001.

Since retiring, MacCracken has been serving on the assessment integration team for the Arctic Climate Impacts Assessment and in various advisory roles. He also serves as vice-chair of the American Geophysical Union's Global Environmental Change Focus Group and is a fellow of the American Association for the Advance-

ment of Science. MacCracken lives in Bethesda, Md.

MacCracken received his undergraduate degree from Princeton University and his Ph.D. from UC Davis, where his dissertation under Chuck Leith involved simulation of various hypotheses of ice age cycling.

The objectives of IAMAS are: to promote study of the science of the atmosphere; to initiate, facilitate, and coordinate international cooperation; to stimulate discussion, presentation and publication of scientific results; and to promote education and public awareness. Planning is already under way for the next IAMAS Assembly, which will be held Aug. 9-18, 2005 in Beijing, China (information will be available in early 2004 on the IAMAS Website).

## BRIEFLY

### Child care center recruitment

Do you have a love for children and live in the Eastern Dublin area? Then help out the community and become influential in the lives of children in the area.

Child Care Links, a program that acts as a link between government social service agencies and families, is starting the Eastern Dublin Child Care Project and is looking for people to apply for a family child care license. "Meeting the child care needs of the proposed 6,000 new households in Eastern Dublin will take a tremendous amount of recruitment effort, advocacy and collaboration," Child Care Links community services director, Amy Wolfson said. "We are extremely pleased the city of Dublin is recognizing this issue and working with us to address it."

Eligible residents may obtain a license and will receive guidance, training and incentives for participating in the program. If you are interested in applying or have additional questions, contact Shauna Brown, 249-3925, [mail@childcarelinks.org](mailto:mail@childcarelinks.org), or [www.childcarelinks.org](http://www.childcarelinks.org).

### Operation Welcome Home needs help

"Operation Welcome Home," a celebration for troops returning from Iraq and Afghanistan, is looking for volunteers to help manage the event, scheduled for Saturday, Aug. 16, in downtown Livermore.

The celebration begins with a 10 a.m. parade down First Street, followed by an 11:30 a.m. to 6 p.m. picnic and 1:30 p.m. honor ceremony in Robertson Park. There is no admission charge.

Event organizers are seeking military in the Tri-Valley deployed for Operations Iraqi Freedom and Enduring Freedom. In addition, volunteers are needed to help manage the event and work food and beverage booths.

The cities of Livermore, Pleasanton and Dublin are sponsoring the event. The celebration is made possible by the sponsorship of Operation Mom. For information about the event or to volunteer, call Chelle Clements, 3-8134, or Roy Warner, 4-4717.

### Employee survey on ISSM

The Safeguards & Security organization is conducting an employee survey to determine employees' knowledge of the Integrated Safeguards & Security Management program (ISSM) implemented last year.

About 2,300 randomly selected employees will be asked to participate. Employees who have been selected received notices recently. Responses will be anonymous and can be handled through a paper questionnaire or electronically.

The survey will help Laboratory management gauge how well ISSM objectives are understood and provide insights on how the program can be improved. The survey started Tuesday and will continue through July 31.

### LLESA offers dry cleaning coupons

Be sure to redeem your 25 percent discount coupon (distributed by Lab mail on July 17) for dry cleaning and laundry service at the Time Zone.

Items for cleaning or laundering may be dropped off at the Time Zone (Trailer 4128) Monday-Friday, 7:30 a.m. until 3 p.m. LLESA's vendor will pick up and drop off on Mondays and Thursdays at approximately 10 a.m.

Items dropped off before 10 a.m. on Monday should be available for pick up after 10 a.m. on Thursday. Items dropped off before 10 a.m. on Thursday should be available for pick up after 10 a.m. on Monday. Items requiring special cleaning, such as leather garments, will take longer.

Coupons are good through Aug. 30 and should be presented at the time items are dropped off. Limit one coupon per customer.

### CalPERS registration deadline extended

The 2003 CalPERS Long-Term Care Plan's new deadline to submit an application has been extended to Thursday, July 31. Application kits are available in the Benefits Office.

All public employees (including University of California and Livermore Lab employees), retirees, their spouses, parents, and parents-in-law may apply for coverage. Applicants may choose from a broad array of benefit options in each of the three CalPERS Long-Term Care Plans. Premiums are age-related. The younger you are when you apply, the less a plan costs.

An informational video regarding the CalPERS Long-Term Care Program is available in the Benefits Office, Bldg. 571. For additional information call the Benefits Office at 2-9955 or visit the Website.



# CLASSIFIED ADS

See complete classified ad listings at  
<https://www.ais.llnl.gov/newsline/ads/>

AUTOMOBILES

1994 - Olds Cutlass Ciera. Spotless. 64K+ one-owner mi. 3.1L V6. Pwr. Excellent in and out. Price reduced to \$3500. 925-447-7082

1970 - Mustang 302 V8 C4 auto trans., 98K, new tires, vinyl top, needs paint, runs well, ready for restoration. \$4,000 925-931-1467

2000 - Toyota Sienna - Excel. condition, 45K miles, leather interior, wood trim, front and rear AC, new tires, power door, running boards, \$19,950 OBO 925-449-4947

1998 - Jeep Grand Cherokee, 4x4 Laredo Sport Package, 92K miles, New tires, CD, \$10,750 925-743-0820

2003 - Jetta GL - manual trans., white w/ blk cloth interior, cd, power windows, entry, 13,000 mi. \$19,500. 209-545-6920

2003 - Honda Accord EX-V6, dark grey w/ leather interior, Moonroof, Power-everything and more... 11.7k miles asking \$25,500/OBO Cell: 209-601-9786

2000 - Chrysler 300M, 39K miles, Performance Handling Package, Black. \$16,500. 925-454-0478

2000 - Toyota Camry LE four door auto,CD,A/C,new tires, 3yr. warranty, Silver, 38K miles \$13,500 cell phone - 209-605-1024 209-575-0262

1997 - 1997 Honda Accord SE Coupe. PW, PL, CC, AC, AT. Exel-lent condition. \$8000 OBO 209-823-0234

1997 - 1997 Toyota 4Runner SR5 Sport Utility 4WD 66K mi Great condition. \$11900 510-849-2109

1972 - Cadillac-Coupe De Ville, 2 dr hardtop, rebuilt engine and trans., New Michelin tires and new vinyl top. Very Clean, All Original. \$4000.00 obo 925-443-3011

1995 - Mazda Protege DX, blue, 112k miles, AC, MT, AM/FM/cas-sette. Runs great and looks fine. \$2,450/obo. 925-895-9947

1965 - Ford Mustang convertible, k-code, rarest Mustang built, awe-some driver in awesome shape, needs nothing \$25k firm 925-454-1969

1989 - V8 Conv. Camaro, low miles, exc. condition. \$6800. 925-443-2115

2002 - BMW 325i 4 DR sedan, Steel grey, Premium Package w/ Navigation. 31K mi. Automatic w/ Steptronic transmission. Excellent Condition. \$29,900. 209-832-9665

1995 - GMC SAFARI AWD,SLT Package, Great ski vehicle, 8Pass, Loaded, all options, 130K miles, \$5999 / Best Offer 209-599-4644

1995 - Ford Taurus 4 door sedan. Tan, 111K miles, power windows and options. \$2850. Call David at 925-447-3411

1995 - Ford Taurus 4 door sedan. Tan, 111K miles, power windows and options. \$2850. 925-447-

3411

1997 - Audi A4 Luxury Sedan; Exc. Condition; Auto Trans; 2.8L V6; Metallic Gold color; Power every-thing;123K hwy mi; \$9500 OBO 510-301-0841

2002 - Honda Civic EX, 2 door coupe, automatic, moon roof, CD stereo, 11,200 miles, excellent con-dition. \$15,500 or best offer. 925-249-1043

1989 - Mustang LX, 2.3L 4 cylinder, white, driveable, passes smog, but needs work. Body, and Engine are in excellent condition! \$500 obo. 925-443-9928

1997 - Ford Expedition XLT-cc, A/C, PW, PL, PS, Leather Int., 4x4, 6 CD, tilt, 3rd seat, roof rack, tow pkg., 74K, \$13,900/OBO 925-447-1603

1985 - Toyota Supra, 5 spd., A/C, Sunroof, Cruise, Pwr. Windows/Locks. Runs GreatRreli-able. \$1,400.00/OBO 925-447-5058

1987 - El camino conquista,148k miles, In great condition,Last year made. \$4500. 209-892-8674

1975 - Porche Targa Original owner, factory maintained, excel-lent condition, chocolate brown, tan leather interior, low miles,\$14,000 obo 925-846-7510

1984 - 300ZX Turbo parts car, 70k miles on (running) power train. Garraged -- excellent condition. Collision damage on passenger side. \$500 + towing cost. 510-339-8268

1994 - Toyota 4-Runner 4x4. 5- spd, 77K miles, excellent condition. Asking \$7,800. 925-846-0564

1997 - Toyota 4Runner SR5, Black, 67,500 miles, excellent condition, AC, AT, Moon Roof, \$13,500.00 or best offer, leave message 209-575-9946

1999 - Ford Escort SE Sport 4D Sedan,white,a/c,power every-thing,cruise control,Dual Front Air Bags,Rear Spoiler,63K.5000\$ back-to-Europe must sell. 925-371-2458

1990 - Plymouth Voyager, 7 pas-sanger, 183K, runs well, \$900. 510-526-2776

AUTOMOBILE ACCESSORIES

Ford factory bed liner. Fits 99-03 Super Duty 8ft bed. New,never used. \$75.00 925-960-1788

Ford Aluminum Wheels, 4-bolt pat-tern, with 14-inch Goodyear Eagle Tires, set of 4, \$200. 209-522-7872

BICYCLES

Traditional style 3 speed bicycle with odometer, and basket. Good shape. Great for lab bike. \$25.00 925-606-6515

2001 TREK 1200 60cm red road bike, good condition, ridden just over 1000 miles, perfect entry level, \$550 925-443-8889

BOB JACKSON frame, 25in. vin-tage Reynolds 531, ,Campy Drop outs, beautiful. Best Offer. 209-548-9465

12 speed Schwinn mountain bike, \$75 obo; 12 speed Rayleigh road bike \$50 obo. 925-443-4413

BOATS

SeaRay Cuddycabin 21 ft, less than 20hrs. on new 350v8, Alpha out-drive, hydraulic Trim Tabs, Bimini top, Shorelander tandem trailer - \$5995 209-832-4314

ELECTRONIC EQUIPMENT

17in Monitor--Viewsonic G70M .27mm 1280x1024 resolution w/built-in speakers & mic 707-494-6689

iBook G3/366 laptop: 320MB RAM, 10GB drive, FireWire, wire-less-ready, excellent condition with original box/manual/CDs. \$500. 925-454-8827

Two (2) Sprint PCS wireless phones. Samsung N400 & LG LX5350. All manuals and chargers included. \$50 for both. 209-823-0234

HP laptop, 15 inch, 10 GB hard-drive, 128 M ram, PIII 700 MHz, DVD Rom, WindowsXP Prof., \$500.00 (negotiable) 925-443-1535

Onkyo 6-disc CD changer model DX-C340. Older model but perfect condition. High quality stereo com-ponent. \$75. 925-371-1607

Atari 520ST with upgrade to 1040ST. Includes monitor, cpu, mouse, extra floppy and lots of soft-ware and manuals. \$50 obo 925-443-4413

GIVEAWAY

FREE - YOU HAUL Trundle Bed. Twin bed w/matresses. 925-447-4805

Free sandstone and soil. Will help with loading. Pick up in Martinez. 925-370-1342

Receptionist desk, oak, drop down, heavy. Free for pick-up. 925-443-7828

HOUSEHOLD

Maple futon, matching armchair and coffee table, \$150, oak futon, \$50, oak TV stand with glass doors, \$50, oak bookcase, \$50. 925-485-4321Crib- Nice, brown/oak grain color. Includes all bedding and mattress. \$150.00 925-829-1474

Wheel barrow. Flat tire. Good shape otherwise 6 cubic feet. \$10.00 925-240-7374

Heavy duty custom built steel shop table. Has 32W x 60L x 2 inch thick cast iron top. Great for engine work, etc. \$250.00 925-606-6515

Moving sale: new sofa \$120 OBO, desk, dark wood \$19, plastic chest of drawers \$8. 925-245-0728

Oak china hutch w/3 generous drawers, 2 deep cabinets, lighted triple glass panels. A beauty at \$600. Bunk beds-solid maple frame & ladder \$150. 925-371-6882

25 cu. ft. Kenmore Side by Side refrigerator, white with ice maker 225.00 209-832-8072

Whirlpool Washer and Dryer, work great, cream color, moving must sell, \$150.00 or b.o. 925-606-9180

Electric Range (stovetop/oven) by Whirlpool in good condition. You haul. \$40 925-606-6616

Hardwood bunkbed - includes frame and ladder. Good condition and easy assembly. Fremont. \$200.00 510-490-0834

100-gal aquarium w/oak cabinet \$300; 3-piece sofa, loveseat, & chair \$250; 3-piece corner section-al sofa \$200. 209-576-7560

Little Tikes country cottage play-house, \$50. Kettler tricycle, \$15. Brio/Thomas train tunnel, overpass bridge, 6 pc. curved track, \$10 each. 925-454-0877

Spa Cover. 7 x 7 ft. Excellent Con-dition. Asking \$50.00. 925-846-0564

Home Gym with weights,bench+ stairmaster: good condition \$80. IKEA light wood chest of drawers (almost new) \$100. Eves: 925-828-6568

24 inch Gas Log set. Excellent con-dition, only used once, Paid \$280, asking \$100 obo. 925-443-4413

LOST & FOUND

Found: VHS tape in bike basket. Legacy of a Dream, Martin Luther King Jr. 510-601-9799

MISCELLANEOUS

Wild level, model N2, inverted image with tripod and level rod. \$300 for all; call Bob. 925-462-7942

Monitor stand, Kensington Spinsta-tion, w/rotating storage system. Cleans up clutter. Brand new, still in box. Paid \$40. \$20. 925-648-0671

Tractor John Deere 850 24hp 8 spd w/rollbar. New loader, rebuilt motor by JD dealer. Mint cond. \$8500 OBO 925-449-5481

Craftsman lawnmower. Big rear wheels, worked fine until sparkplug wire broke. I bought a new one. This one is \$50.00 obo. 925-240-7374

Green turtle shaped sandbox with cover \$10, Red Octagonal sand-box \$5 925-443-4413

Machinists metal lathe, 6-inch four jaw & 5-inch three jaw chucks. Very good condition. \$750.00. 510-886-3322

KOHLER Toilet, Wellworth Model # 3423-0, white, 1.6 gpf. Complete w/ hardware and seat. Clean and boxed. \$60.00 925-455-9329

Approx 1000 DG/Phillips Classical LPs plus 100 misc LPs and Thorens turntable. Best offer. 925-447-6256

14 Ft 36 Inches Quick Set Pool With Filter System. Easy Set Up No Sand Reqd Used Summer 2002 Only \$90 510-791-8628 510-791-

8628

PRESSURE WASHER, Coleman Powermate Professional, 3500 psi - 4-gpm, 14-hp OHV Subaru Engine, new in box, \$600. 209-848-1375

49er preseason tickets -- Raiders vs. 49ers 2 tix Aug. 14. vs. New Orleans, 2 tix Aug. 23. Good seats 925-443-4909

Ford 8N tractor with 3pnt disc runs good.\$3200.00 925-454-1749

Dietzgen surveyors transit, model 6024-CFS, with tripod and stadia rod. \$300 for all. Call 925-462-7942

Childrens play equipment - metal swingset and Little Tikes jungle-gym; inexpensive. Perfect for recre-ation/backyard. Fremont. 510-490-0834

Baby Bjorn potty chair, Safety 1st folding booster seat, Dr. Seuss Tod-dler software, Discovery toys pup tent, \$10 each. Gerry Potty chair, \$5 925-454-0877

Combi deluxe stroller, large basket, snack tray, holds infant carseat, matching carseat cover, full recline, \$60. Umbrella stroller, \$10. 925-454-0877

Machinist Tools, misc. assortment. Please call for details. 707-321-9557

Used 12 ft 3-legged wooden pick-ing or pruning ladders in good con-dition. \$20.00 each. ext 2-5612 or 209-892-6993

Diamond ring set. Marquise cut, 3/4 Ct T.W. Paid \$900 asking \$450. 209-869-2833

Brio train set with table paid over 500.00 will sell for 150.00 925-240-8364

victrola record collection, nicely bound, excellent cond. \$75 OBO 925-447-8557

Baseball Tkts. 4 field box tkts. Oak-land Vs. Anaheim in Anaheim on July 26. All 4 tickets \$70. Call 925-922-0506

MOTORCYCLES

1999 - Honda XR650L, dual sport, street legal, 3.6K miles, well main-tained, perfect condition, \$3495 925-634-5606

2001 - Honda Xr-400 Hardly Rid-den, Mint Cond. Tie Downs, Ramp Some Gear Included. Like New. 3,200.00 209-814-2090

1982 - 1982 Honda Cbf. Super-sport 750. New Tire, New Battery, Recent Tune-Up. 13,000 Miles. Like New Conditon. \$1300, OBO. 209-599-5244

MUSIC INSTRUMENTS

Piano - Mahogany Andrew Kohler upright piano with nice tone. Per-fect for beginners or any skill level. Fremont. \$550.00 510-490-0834

PETS & SUPPLIES

Siamese mix, free to good home, spayed 1-year old female, all shots,



# New gifts added to employee service awards program

By Leslie Schwartz

NEWSLINE STAFF WRITER

A classical wall clock to hang in your home. A 45-piece flatware set to complement your fine dining. A traveler’s fishing kit for a quick weekend getaway.

Common trappings of many a household, yet the last place you’d expect to pick up these items is the Laboratory.

Anyone who has been around the Lab at least 10 years may be familiar with the employee service awards program, which allows employees to choose a gift after they’ve worked 10, 15, 20, 25, 30, 35 or even 40 years. The service award program was established to recognize employees for their service with the University of California.

Yet the program has recently undergone some revisions, much to the delight of employees. Gifts once limited to pen and pencil sets, desk clocks and other office knick-knacks are now competing with items normally found at finer retailers.

“Many people felt the gifts were outdated and lower quality, so we are making an effort to change that,” said Elaine Andrews, the service awards program administrator. Andrews has spent the last two years revamping the program.

With the addition of many new gift choices and a continued effort to making the program better, the service awards program has received a much-needed facelift. Andrews has even found some employees — who delayed choosing a gift during previous anniversary milestones — are now coming in to choose their gift because they are happier with the selection.

“We have employees calling us before their time is up to pick out gifts in advance,” she said. “Sometimes, we used to be the ones calling them to remind



JACQUELINE MCBRIDE/NEWSLINE

Elaine Andrews holds a classic clock, one of the new gifts available through the revamped awards program.

them they were eligible for an award.”

More than 50 coordinators work with Andrews to order and distribute the service awards. Employees are eligible for their first award 10 years from their adjusted start date and every five years thereafter for up to 40 years of service. Service award pins and letters of eligibility are also sent out monthly to employees.

An enhanced service awards budget provided by the Department of Energy helped to revamp the service award program and allowed Benefits to give high-

er quality and more popular gifts, Andrews said.

“We are still in the process of adding even more new gifts to the collection, she said. “And we are always open to new suggestions.” Each gift has a certain dollar value for its year level. For example, a 10-year gift is worth approximately \$50 and for each additional five years, another \$50, is added to the value.

A few of the most popular new additions are: a compact binocular/Swiss Army knife or super deluxe backpack (10 years); Lenox fine bone china four seasons statement vase or a Gorham/Lenox Grande Quintette frosted 45-piece dinner set with drawer caddy (15 years); 26-inch upright Samsonite suitcase or Seiko pocket watch (20 years); crystal decanter set with four glasses or Howard Miller mantel clock (25 years); Canon digital camera or a Howard Miller Fenton chime wall clock (30 years); and a Wilson golf driver (35 years). All total, there are more than 50 items to choose from.

Three new display cases in the Benefits area of the Human Resources building (571) exhibit some of the gifts that are available. For additional information on available service awards, visit the Website, [http://www-r.llnl.gov/human\\_resources/RED/Service\\_Awards/Home.html](http://www-r.llnl.gov/human_resources/RED/Service_Awards/Home.html).

Each department at the Lab has a designated service awards coordinator who is responsible for making sure the appropriate person receives the pins and orders service award gift items for eligible employees. To find your payroll group service awards coordinato, contact Andrews, 2-7713.

Overall, the improved service award program has had great success. “The biggest reward is to see the Lab employees happy and having them constantly feel appreciated for their service,” Andrews said.

very affectionate. Needs non-threatening loving home. 209-522-7872

Lionhead rabbits for sale. Show quality, lots of babies. prices vary. 925-706-2088

Riding Lessons, minutes from work, all ages, all abilities. 510-305-7327

Free to good home - 2 year old female boxer. Needs to be only dog. Great with kids, spayed, very loving. 925-447-4303

Puppies, Yellow Labradors, AKC, Champion bloodlines, Available Aug.8th with first set of shots Males:\$400.00 Females:\$500.00 209-835-8269

RECREATION EQUIPMENT

Windsurf boards: 145 Wind-surfer, 127 Obrien. Sails, masts, harnesses, accessories. \$300/all, will sell seperately. wetsuits too. 510-526-2776

Porta court, like new, \$75 obo 925-443-4413

RIDESHARING

Express your commute, call 2-RIDE for more information or visit <http://www-r.llnl.gov/tsmp>.

Patterson - Vanpool has seats available for 7:30-4:00 shift. Take advantage of Pre-tax Transportation & Guaranteed Ride Home programs. Call for more details. 209-892-2118, ext. 2-9502

San Leandro - Looking to join a carpool or vanpool. 7:00am - 3:30pm. Contact 510-357-2306,

ext. 3-3672

Pleasant Hill/Walnut Creek - Seats available on luxury van from Pleasant Hill, Walnut Creek. \$90/month. 7:30-4:30. 925-947-6969, ext. 2-4206

Modesto - Ride Share - Scenic and Oakdale Road. Hours: 8:00 - 5:00 p.m. can be in earlier and stay a little later, if necessary/flexible. 209-579-7673, ext. 2-8645

MANTECA - Rider/Driver Work hours are 7:30AM to 4:00 PM Flexible drive schedule. 209-823-5593, ext. 3-8539

Berkeley - Rider/Driver needed to complete a 4 person carpool from north Berkeley. Lv. Berkeley at 7 AM; lv. LLNL at 4:40 PM. 510-524-8332, ext. 2-5949

SERVICES

Wedding Photography: 23 yrs exp. Medium format cameras used. You keep the negatives 925-829-1474

SHARED HOUSING

Livermore - Room avail 8/8/03, \$550 incl. util., kit./laundry/pool privileges. Must love dogs. 925-243-9316

Livermore - Upstairs of country home private bath, microwave, refrigerator, close to lab \$650 per month, share utilities, cleaning deposit 925-447-7780

TRUCKS & TRAILERS

1984 - Ford 3/4 Ton Diesel Truck with camper shell. Has new tires and battery. Call for more information. \$2,500 (OBO) 209-836-1506

1992 - Suburban LS 4X4 with mny extras Reblt engine tranny 20inch rims Fully loaded keyless entry see \$8,500 OBO 925-245-1560

1962 - Ford F-100 Custom Cab, Unibody, Long Bed. 292 V-8, Automatic, runs good, cosmetically OK. Asking \$2,300. 209-599-7678

2000 - Toyota Tundra SR5, 27,000 miles, excellent condition, V8,Air, CD, Alarm, Remotely Entry, Hitch, Bed Liner, Alloy Wheels, SnugTop Shell \$19,000 925-829-3226

1972 - Jeep CJ5. \$3500 209-239-7888

2003 - Chevy Trailblazer. 18K miles, 2WD, AT, AC, PW, PL, CC. \$24500 OBO. 209-823-0234

2000 - Terry EX 32ft triple slide. Very good condition. Low miles. hardwood floor, queen bed, corner shower, A/C. pictures & more info avail. \$27,000 or B/O 209-478-3338

1974 - Ford E300 van and 12 foot Aluminum Boat with motor. Low original miles \$1,000 for both 925-443-1172

1978 - Chevy 1 ton flat bed,4speed,new target 350cu motor,has pto setup for dump.\$3200.00 925-454-1749

2002 - Lance Camper Model 835, for long bed, like new. Call for details, leave message.

\$11,000 B.O. 707-321-9557

2001 - Dodge Ram 1500 Quad Cab. 62k miles, off road and towing package, clean inside and out. Good condition. \$18,000. 925-200-3188 or 925-829-5126

1987 - El camino conquista,148k miles, In great condition,Last year made. \$4500. 209-892-8674

1983 - El Dorado diesel motor home. 25 ft, 40k mi, generator, awning. Ex cond, meticulously maintained. Thousand Trails membership avail. Orig owner \$8,000 925-455-5223

1994 - Toyota 4-Runner (white). 4x4, 5-spd. Excellent Condition. Asking \$7,800. 925-846-0564

1987 - Mallard Sprinter-Motor Home, 24 ft. Fully loaded, 2 year old generator, New AC, 60,000 miles, Newly redecorated. \$9,500. 925-443-1389

1980 - 4x6 utility trailer. \$150 obo 925-443-4413

VACATION RENTALS

Arnold - - Very nice newer mountain cabin. Four bedroom, two bath near Calaveras Big Trees park on hwy. 4. 925-245-1114

Santa Cruz - - Great cottage in the harbor area. Sleeps 7, 4 blocks from Twin Lakes beach. Daily rates available. 925-245-1114

Sonoma Coast - - Oceanview home. No smoking. No pets. Adults only. 2BR(KQ)/2BA

1700sqft. Hike. Bike. Whale watch. Kayak. Swim. Tide pool. 925-443-5086

SOUTH LAKE TAHOE - 3 Bedroom 2 bath Chalet, nicely furnished, All amenities, Park w/ Lake, tennis etc. Great for family vacation! RESERVE NOW FOR SUMMER OPENINGS! 209-599-4644

Oahu, HI, On the Beach, - 1 BR, sleeps 4 \$650/week Call for more info. 925-516-9877 925-516-9877

Maui, HI - Kahana Reef ocean-front 1BR/1BA condominium. Beautiful two-island view, oceanside pool, and BBQs. Low LLNL rates for year-round reservations. 925-449-0761

WANTED

Wanted: TWIN Mattress 925-455-1392

Sponsors to support my 60-mile journey on the Susan Komen Breast Cancer 3-day walk in November. For information or forms, call Sheri. Thanks! 925-243-9123

Please give me your empty red wine bottles (any number, any size); looking for floor corker, etc, too. 925-449-3165

Unitarian Universalist Church in Livermore seeks experienced pianist to accompany choir and congregation. Auditions in August. 925-449-0193

Looking to buy portable crib (e.g. Graco Pack-n-play) with bassinet, in good condition. 925-371-1607

RIDGE

Continued from page 1

gral part of the research infrastructure of the new department.”

As part of a West Coast tour to “celebrate America’s innovate spirit” in science and technology, Ridge spoke before the Commonwealth Club in San Francisco, then came to the Lab to see the National Atmospheric Release Advisory Center (NARAC) and receive updates on the Nuclear Incident Response Program, the Biological Aerosol Sentry and Information System (BASIS) and biological instrumentation programs at Lawrence Livermore and Sandia-California.

Lab Director Michael Anastasio welcomed Secretary Ridge and provided a brief overview of the Lab’s homeland security work amidst a throng of television crews.

Ridge listened attentively to NARAC researchers Don Ermak and John Nasstrom describe the center’s atmospheric monitoring capability and how the researchers are training first responders to use the equipment in case of a release of radiological, chemical or biological agent into the air by terrorists.

From NARAC, he moved to special demonstrations of technologies for nuclear and biological counterterrorism.



JACQUELINE MCBRIDE/NEWSLINE

DHS Secretary Tom Ridge is flanked by Assistant Secretary for Information Analysis and Infrastructure Protection Robert P. Liscouski, left, and Director Michael Anastasio during presentations on NARAC and LINC.

Ridge lauded Lab and Sandia scientists for their work in the war against terrorism.

“The technology of detection is probably one of highest priorities we have within the Department of Homeland Security and one of the most immediate

needs we have,” he said. “What Lawrence Livermore has done and continues to do with a renewed sense of commitment in a post-9/11 world is challenge this expertise and experience to deliver systems that are smaller, more user friendly and cheaper.”

During one demonstration, Lab physicists Mike Dunning, Dan Archer and Brooke Buddemeier had Ridge carry a suitcase with a harmless radioactive material — thorium — next to various Lab-developed radiation detection technologies. Ridge playfully shook the briefcase as he walked passed the detector and gauntlet of reporters, who recorded his every move.

As the device detected the material, recorded it and identified the element, Dunning explained that the data collected could be sent from the instrument in the field, via the Internet, to scientists back at the Lab who could fully characterize the material.

Ridge was next presented with demonstrations on biological counterterrorism from Lab researcher Bill Colston and Julia Fruetel of Sandia

Following the presentation, Ridge gave a brief press conference, then headed off to meet with Lab managers for a series of intelligence briefings.

TELLER

Continued from page 1

dent whom I admire for his firm action in difficult circumstances, carried out with patience and absolute minimal use of force. This is what I mean by saying “Thank you, Mr. President.”

Energy Secretary Spencer Abraham, who last year personally awarded Teller with the Gold Award, the Department of Energy’s highest honor, said, “Dr. Teller is a remarkable person. He is regarded as one of the giant figures of the 20th century, whose contributions to winning both World War II and the Cold War are immeasurable.

“But I also believe that Edward Teller should be regarded as one of the most important figures of the 21st century. His unwavering support for scientific education has inspired countless men and women to pursue lives in science.”

“I’d like to congratulate Dr. Teller on winning one of the nation’s highest honors,” Laboratory Director Michael Anastasio added. “From his days on the Manhattan Project to his efforts to help our country win the Cold War, Dr. Teller has devoted his life to preserving freedom.

“Throughout his career, Dr. Teller has established himself not only as one of the premier figures in science, but in the history of our nation as well.”

Now 95, Teller has often found himself at the fore-

front of some of the 20th century’s most dramatic and history-making events.

Born in Budapest, Hungary, in 1908, Teller received his Ph.D. in physics at the University of Leipzig. It was Teller who drove Leo Szilard to meet with Albert Einstein, who together would write a letter to President Roosevelt urging him to pursue atomic weapons research before the Nazis could develop such a weapon.

Teller went on to work on the Manhattan Project at the fledgling Los Alamos National Laboratory and eventually became assistant director. His efforts were instrumental in creating the Livermore site of the University of California Radiation Laboratory in 1952. Teller strongly advocated development of the hydrogen bomb and promised and delivered a submarine-launched nuclear weapons system. Teller served as director at Livermore for two years and then as associate director for physics.

He taught physics at the University of California, then created and chaired the Department of Applied Science at UC Davis’ Livermore site.

In 1975, he was named Director Emeritus of the Lab and was also appointed Senior Research Fellow at the Hoover Institution, positions that he still holds. And in the 1980s, Teller served as a determined advocate for the development of a ballistic missile defense system to protect the nation from nuclear attack. These efforts contributed to the end of the Cold War.

Teller has received numerous awards for his contributions to physics, his dedication to education and his public life. He has published more than a dozen books on subjects ranging from energy policy and defense issues, to his own memoirs.

“Edward Teller is a scientific visionary whose work changed the course of world history,” University of California President Richard C. Atkinson said. “He is an esteemed statesman of the University of California, and we watch with pride as he continues his lifelong quest for new knowledge and viable solutions to many of the issues that challenge our nation and world. He is an asset to our university and our country, and is truly deserving of this great honor.”

Teller was one of 11 recipients receiving the Presidential Medal of Freedom Wednesday. Other recipients include: author and professor Jacques Barzun; master chef Julia Child; Hall of Fame baseball hero and humanitarian Robert Clemente; pianist Van Cliburn; playwright and Czech Republic President Vaclav Havel; actor Charlton Heston; restaurant founder R. David Thomas; Supreme Court Justice Byron White; author and professor James Wilson; and UCLA basketball coach John Wooden.



Argus group feels secure about security

The Laboratory’s integrated electronic security system, Argus, has been adopted by other DOE laboratories and institutions. The Argus Users Group which includes members of the various DOE and NNSA sites, met at the Lab this week to discuss ways to assure that Argus remains workable, practical, state-of-the-art and technologically sound.



JACQUELINE MCBRIDE/NEWSLINE

Newsline  
UC-LLNL  
PO Box 808, L-797  
Livermore, CA 94551-0808